

AMENDMENTS TO THE CLAIMS

1. -20. (Canceled)

21. (Currently Amended) An isolated nucleic acid consisting of ~~18 to 120~~ X nucleotides wherein the sequence of the nucleic acid comprises:

- (a) ~~at least 18~~ Y consecutive nucleotides of SEQ ID NO: ~~46759-4641~~ or 4642;
- (b) an RNA equivalent of (a);
- (c) a sequence at least ~~34/58~~ 62.5% identical to (a) or (b); or
- (d) the complement of any one of (a)-(c),

wherein

X = 18 to 24,

Y ≥ 18, and

X ≥ Y.

22. - 40 (Canceled)

41. (New) The nucleic acid of claim 21, wherein the sequence of (c) is at least 70.8% identical to (a) or (b).

42. (New) The nucleic acid of claim 21, wherein the sequence of (c) is at least 79.2% identical to (a) or (b).

43. (New) The nucleic acid of claim 21, 41, or 42, wherein X = Y.

44. (New) A vector comprising the nucleic acid according to claim 21, 41, or 42.

45. (New) A vector comprising the nucleic acid of claim 43.

46. (New) An isolated nucleic acid consisting of X nucleotides wherein the sequence of the nucleic acid comprises:

- (a) Y consecutive nucleotides of SEQ ID NO: 4641 or 4642;
- (b) an RNA equivalent of (a);
- (c) a sequence at least 62.5% identical to (a) or (b); or
- (d) the complement of any one of (a)-(c)

wherein

X = 50 to 120,

Y ≥ 18,

X ≥ Y.

47. (New) The nucleic acid of claim 46, wherein the sequence of (c) is at least 70.8% identical to (a) or (b).

48. (New) The nucleic acid of claim 46, wherein the sequence of (c) is at least 79.2% identical to (a) or (b).

49. (New) A vector comprising the nucleic acid according to claim 46, 47, or 48.